

- A. INSTALL 27 FT. STEEL POLE WITH A TWIN 50 FT./ 50 FT. MAST ARM, TRAFFIC SIGNAL HEADS, SIGNS, PEDESTRIAN SIGNAL HEADS, PUSHBUTTON WITH R10-4(1) SIGN (TO READ "PUSH BUTTON TO CROSS PHILADELPHIA AVE"), VIDEO DETECTION CAMERA MOUNTED ON MAST ARM, AND 10 FT. STREET LIGHTING ARM WITH A 250 WATT HIGH PRESSURE SODIUM VAPOR LUMINAIRE. (INSTALL 1-2 IN. AND 1-4 IN. SCHEDULE 80, 90 DEGREE POLYVINYL CHLORIDE ELECTRICAL CONDUIT BENDS IN POLE BASE).
- B. INSTALL 27 FT. STEEL POLE WITH A 60 FT. MAST ARM, TRAFFIC SIGNAL HEADS, VIDEO DETECTION CAMERA MOUNTED ON MAST ARM, SIGNS, PUSHBUTTON WITH R10-4(1) SIGN (TO READ "PUSH BUTTON TO CROSS PHILADELPHIA AVE"), AND 10 FT. STREET LIGHTING ARM WITH A 250 WATT HIGH PRESSURE SODIUM VAPOR LUMINAIRE. (INSTALL 1-2 IN. AND 1-4 IN. SCHEDULE 80, 90 DEGREE POLYVINYL CHLORIDE ELECTRICAL CONDUIT BENDS IN POLE BASE).
- C. INSTALL 10 FT. PEDESTAL POLE WITH PEDESTRIAN SIGNALS AND PUSHBUTTON AND R10-4(1) SIGN (TO READ "PUSH BUTTON TO CROSS PHILADELPHIA AVE"). (INSTALL 2-2 IN. SCHEDULE 80, 90 DEGREE POLYVINYL CHLORIDE ELECTRICAL CONDUIT BENDS IN PEDESTAL BASE).
- D. INSTALL NEMA SIZE "6" BASE MOUNTED CABINET AND CONTROLLER WITH CONCRETE PAD AND CONTROL AND DISTRIBUTION EQUIPMENT. (INSTALL 2-2 IN. AND 2-4 IN. SCHEDULE 80, 90 DEGREE POLYVINYL CHLORIDE ELECTRICAL CONDUIT BENDS IN CABINET BASE.)
- E. INSTALL HANDHOLE.
- F. INSTALL 1 IN. LIQUID-TIGHT FLEXIBLE NON-METALLIC ELECTRICAL CONDUIT (DETECTOR WIRE SLEEVE).
- G. INSTALL 2 IN. SCHEDULE 80, POLYVINYL CHLORIDE ELECTRICAL CONDUIT (TRENCHED).
- H. INSTALL 3 IN. SCHEDULE 80, POLYVINYL CHLORIDE ELECTRICAL CONDUIT (BORED).
- J. INSTALL 3 IN. SCHEDULE 80, POLYVINYL CHLORIDE ELECTRICAL CONDUIT FOR PROPOSED UNDERGROUND ELECTRICAL SERVICE (TRENCHED). CAP AND MARK CONDUITS 2 FT. ABOVE GRADE AT UTILITY POLE FOR USE BY OTHERS.
- K. INSTALL 3 IN. SCHEDULE 80, POLYVINYL CHLORIDE ELECTRICAL CONDUIT (TRENCHED).
- L. INSTALL 4 IN. SCHEDULE 80, POLYVINYL CHLORIDE ELECTRICAL CONDUIT (BORED).
- M. INSTALL 4 IN. SCHEDULE 80, POLYVINYL CHLORIDE ELECTRICAL CONDUIT (TRENCHED).
- N. INSTALL MICROLOG PROBE SET WITH 500 FT. LEAD-IN.
- O. REMOVE EXISTING BASE MOUNTED CONTROLLER CABINET. REMOVE FOUNDATION 12 IN. BELOW GRADE.
- P. REMOVE EXISTING MAST ARM POLE, SIGNAL HEADS AND SIGN. REMOVE FOUNDATION 12 IN. BELOW GRADE.
- Q. REMOVE EXISTING MAST ARM POLE, SIGNAL HEADS AND SIGNS. REMOVE FOUNDATION 12 IN. BELOW GRADE.
- R. CAP AND ABANDON EXISTING CONDUIT.
- S. ABANDON EXISTING LOOP DETECTOR.
- T. REMOVE EXISTING PEDESTAL POLE, PEDESTRIAN SIGNAL HEADS AND SIGN. REMOVE FOUNDATION 12 IN. BELOW GRADE.
- U. REMOVE EXISTING HANDHOLE.
- V. INSTALL 24 IN. WHITE HEAT APPLIED PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING (STOP LINE).
- W. INSTALL 12 IN. WHITE HEAT APPLIED PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING (CROSSWALK).
- X. INSTALL 3 IN. SCHEDULE 80, POLYVINYL CHLORIDE ELECTRICAL CONDUIT FOR PROPOSED UNDERGROUND ELECTRICAL SERVICE (TRENCHED.) CAP AND MARK CONDUIT 2 FT. ABOVE GRADE AT UTILITY POLE FOR USE BY OTHERS.

15.16
Somerset 8t
D-3(1) (DUAL FACED)
(VARIABLE x 16")

Philadelphia Av
D-3(1)
(VARIABLE x 16")

R3-1
(30" x 30")

R3-2
(30" x 30")

PROPOSED
SIGNAL HEADS

PROPOSED
VIDEO DETECTION

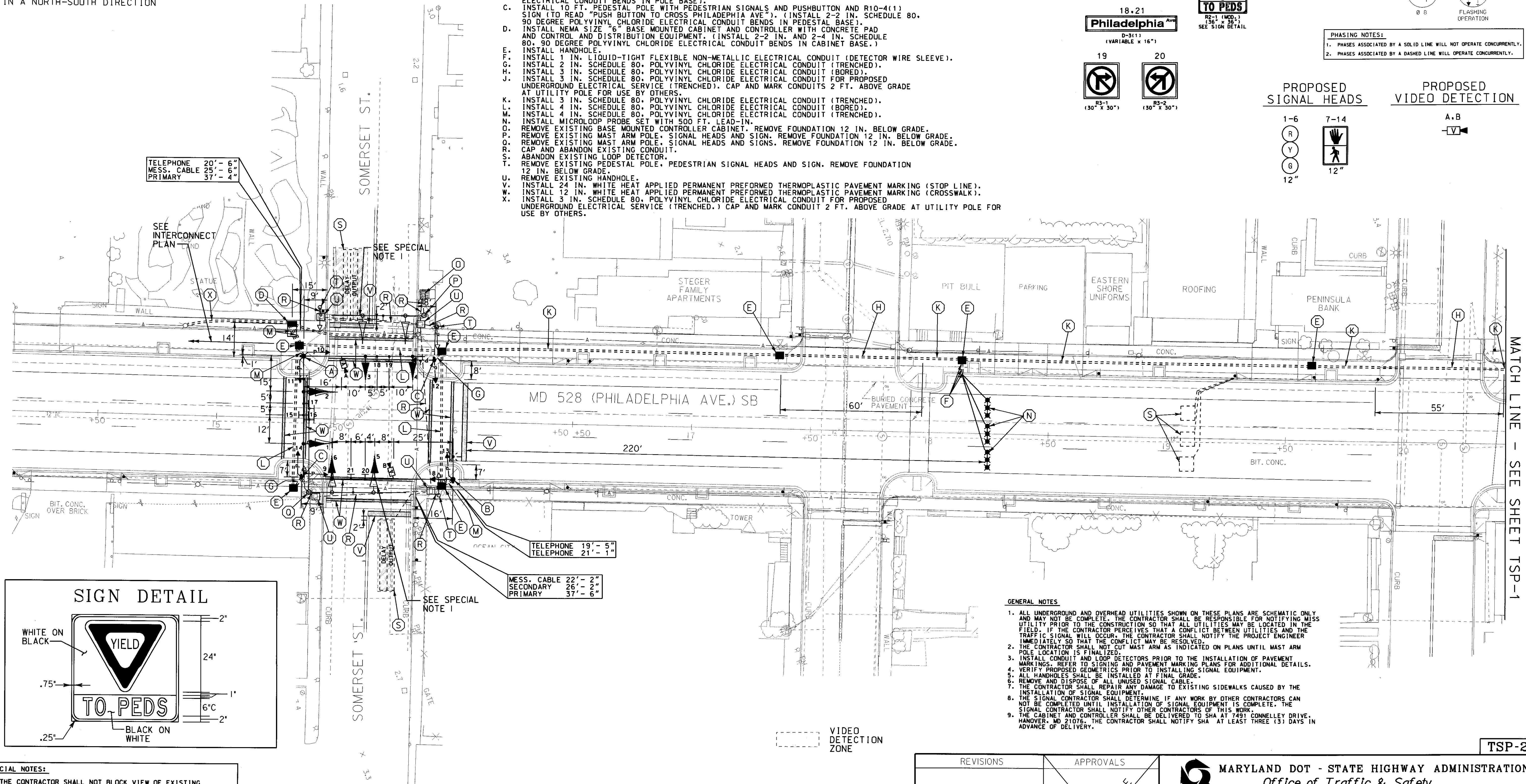
1-6
R
Y
G
12"

7-14



12"

A.B



WHITE ON BLACK

YIELD

24"

6"

TO PEDS

BLACK ON WHITE

.75"

.25"

1. THE CONTRACTOR SHALL NOT BLOCK VIEW OF EXISTING SIGNAL INDICATIONS DURING INSTALLATION OF NEW ARM. IF NEW MASTER ARM CANNOT BE INSTALLED DUE TO CONFLICT WITH EXISTING SIGNAL INDICATIONS OR SPAN WIRES, A SIGNAL OUTAGE SHALL OCCUR DURING NON-PEAK HOURS AS DIRECTED BY THE ENGINEER.
2. CONTRACTOR SHALL USE CAUTION WHEN INSTALLING SIGNAL EQUIPMENT TO AVOID DISTURBANCE OF EXISTING UNDERGROUND UTILITIES. CONTRACTOR SHALL TEST PIT TO DETERMINE EXACT LOCATION AND DEPTH OF UNDERGROUND UTILITIES PRIOR TO INSTALLING SIGNAL EQUIPMENT.
3. CONTRACTOR SHALL INSTALL CONDUIT AT SUFFICIENT DEPTH TO AVOID DISTURBANCE DURING ROADWAY CONSTRUCTION. CONDUIT SHALL BE INSTALLED PRIOR TO BEGINNING ROADWAY CONSTRUCTION.

AERIAL CABLE	_____	A	_____
ELECTRICAL	_____	E	_____
TELEPHONE	_____	T	_____
GAS	_____	G	_____
SEWER	_____	SS	_____
STORM DRAIN	_____	SD	_____
WATER	_____	W	_____
CABLE TV	_____	TV	_____


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APPROVALS

TEAM LEADER - TRAFFIC ENGINEERING DESIGN DIVISION

ASST. TRAFFIC ENGINEERING DESIGN DIVISION

CHIEF TRAFFIC ENGINEERING DESIGN DIVISION

 MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
TRAFFIC SIGNALIZATION PLAN
PHILADELPHIA AVE. and SOMERSET ST.

DRAWN BY: _____
CHECKED BY: _____
SCALE: 1" = 20'
DATE: 10/7/2002

—	F.A.P. NO.
—	S.H.A. NO.
—	COUNTY:
—	LOG MILE:

SEE TITLE SHEET
W05025131
WORCESTER
23052808.74

TS NO.
2254
T.I.M.S. NO.
E142

SHEET NO. _____

TSP-2